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UNITED STATES DEPARTMENT OF AGRICULTURE
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1944-45 ANNUAL

A

NAVAL STORES REPORT

on

Production, Distribution, Consumption and Stocks

of

TURPENTINE AND ROSIN

of the

UNITED STATES

By Crop Years

April 1, 1944 - March 31, 1945

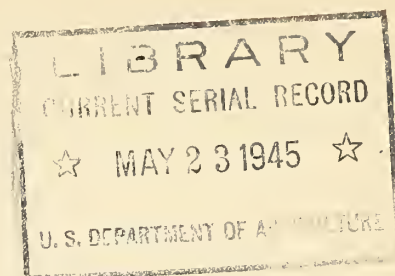
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FOREWORD

This is the eleventh of the series of annual reports by the U. S. Department of Agriculture giving production, consumption, and stocks of naval stores. The period covered by the annual reports is that of the naval stores season, April 1 - March 31. Semi-Annual reports, covering the six-month period, April 1 - September 30, Quarterly reports covering the First and Third Quarters of the Naval Stores Season, and a Monthly Survey of Naval Stores Stocks are also issued. These reports are issued under Federal Act 278, providing for the publication of statistics relating to spirits of turpentine and rosin produced, held and used in the domestic and foreign commerce of the United States.

As in previous reports, carryover (stocks) of turpentine and rosin is separated into gum and wood products. Stocks of wood rosin do not include so-called "B wood rosin." While sulphate wood turpentine is carried in the regular production and carryover tables, data on "liquid rosin" (tall oil) are in a table separate from gum and wood rosins. Pending the selection of a proper term, we continue to refer to the mixture of resin and fatty acids recovered by the acidification of the soap curds (black liquor soap) obtained in the production of sulphate pulp as tall oil. The tall oil so obtained contains approximately 42 percent of resin acids.

The data on production, consumption and stocks are expressed in commercial units: For turpentine, barrels of 50 gage gallons; and for rosin, drums of approximately 520 pounds net weight. A unit of naval stores consists of one barrel of turpentine and two and two-thirds drums of rosin. It should be noted that this is the first annual report in which all the data on rosin are expressed in drums of 520 pounds net weight instead of the former barrel of 500 pounds gross weight. Data from previous years, which are shown for comparison, have been recalculated on this 520 pound basis. Carryover figures do not include gum turpentine or rosin producible from stocks of crude gum on hand. The average prices for rosin shown in Table 10 have been recalculated on the basis of 100 pounds net weight in accordance with current trade practice.

Statistics on exports and imports of turpentine and rosin are not included in this issue.

These reports are designed to be of use to the industry — producer, factor, distributor, and consumer. Every effort is made to obtain complete and accurate information but the completeness, accuracy and promptness of issue depend upon the cooperation of those reporting. In accepting the statistics given in this report, as well as those in previous reports, it should be borne in mind that the Bureau of Agricultural and Industrial Chemistry merely assembles the figures from the individual reports received and is not responsible for their accuracy.

The Bureau of Agricultural and Industrial Chemistry extends its thanks to those producers, factors, distributors, and consumers who have so kindly cooperated in furnishing the requested information. The assistance of Mrs. Clotilde H. Oubre in tabulating the data for this report is gratefully acknowledged.

SUMMARY OF TURPENTINE

SUPPLY, DISTRIBUTION AND CARRYOVER (Bbls. - 50 gals.)
(By naval stores seasons, beginning April 1 and ending March 31)

<u>1941-45</u>			<u>1943-44</u>		
<u>12 mos. (Apr. - Mar.)</u>			<u>12 mos. (Apr. - Mar.)</u>		
<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>

TABLE 1a- SUPPLY AND DISTRIBUTION

U. S. Carryover						
April 1 ^{1/}	295,581	262,057	33,524	288,213	213,285	74,928
Production ^{2/}	471,243	245,194	226,049	508,432	288,382	220,050
Imports	- - not available	- -	- -	- - not available	- -	- -
Available Supply	766,824	507,251	259,573	796,645	501,667	294,978
Less Carryover						
March 31 ^{1/}	<u>202,546</u>	<u>168,011</u>	<u>34,535</u>	<u>295,581</u>	<u>262,057</u>	<u>33,524</u>
Appar. Total						
Consumption	564,278	339,240	225,038	501,064	239,610	261,454
Less Exports	- - not available	- -	- -	- - not available	- -	- -
Appar. U. S.						
Consumption	- - not available	- -	- -	- - not available	- -	- -

TABLE 2a - CARRYOVER (Stocks)

U. S. Carryover						
April 1	295,581	262,057	33,524	288,213	213,285	74,928
U. S. Carryover						
March 31	<u>202,546</u>	<u>168,011</u>	<u>34,535</u>	<u>295,581</u>	<u>262,057</u>	<u>33,524</u>
Increase	---	---	1,011	7,368	48,772	---
Decrease	93,035	94,046	---	---	---	41,404

^{1/} Tables 3a and 4a.

^{2/} Table 5a.

SUMMARY OF ROSIN

SUPPLY, DISTRIBUTION AND CARRYOVER (Drums - 520 lbs. net)
(By naval stores seasons, beginning April 1 and ending March 31)

	<u>1944-45</u> <u>12 mos. (Apr. - Mar.)</u>			<u>1943-44</u> <u>12 mos. (Apr. - Mar.)</u>		
	<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>
U. S. Carryover						
April 1 ^{1/}	794,786	648,206	146,580	1,284,229	1,059,837	224,392
Production ^{2/}	1,317,912	692,212	625,700	1,462,831	783,565	679,266
Imports	- - not available	- -	- -	- - not available	- -	- -
Available Supply	2,112,698	1,340,418	772,280	2,747,060	1,843,402	903,658
Less Carryover						
March 31 ^{1/}	388,266	265,881	122,385	794,786	648,206	146,580
Appar. Total						
Consumption	1,724,432	1,074,537	649,895	1,952,274	1,195,196	757,078
Less Exports	- - not available	- -	- -	- - not available	- -	- -
Appar. U. S.						
Consumption	- - not available	- -	- -	- - not available	- -	- -

TABLE 2b - CARRYOVER (Stocks)

U. S. Carryover						
April 1	794,786	648,206	146,580	1,284,229	1,059,837	224,392
U. S. Carryover						
March 31	388,266	265,881	122,385	794,786	648,206	146,580
Increase	---	---	---	---	---	---
Decrease	406,520	382,325	24,195	489,443	411,631	77,812

^{1/} Tables 3b and 4b.

^{2/} Table 5b. Includes reclaimed rosin.

DETAILS AND SUMMARY OF TURPENTINE CARRYOVER (bbls. - 50 gals.)

	<u>1945</u> <u>Mar. 31</u>			<u>1944</u> <u>Mar. 31</u>		
	<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>
<u>Production Points</u> ^{1/}						
<u>Gum Still</u> ^{2/}	23,460	23,460	---	20,008	20,008	---
<u>Wood Plants</u>						
Steam Dist.	7,948	---	7,948	7,901	---	7,901
Sulphate	5,260	---	5,260	5,532	---	5,532
Dest. Dist.	223	---	223	122	---	122
Total	36,896	23,460	13,436	33,563	20,008	13,555
<u>Sou. Concent. Points</u> ^{1/}						
<u>Ports</u> ^{2/}	54,049	54,049	---	129,515	129,515	---
<u>Interior Yards</u>	65,400	65,400	---	86,725	86,725	---
Total	119,449	119,449	---	216,240	216,240	---
<u>Distribution Points</u>						
Eastern	7,940	4,735	3,205	11,449	5,791	5,658
Central	14,932	10,072	4,860	16,179	11,297	4,882
Western	3,971	3,078	893	4,432	2,736	1,696
Total ^{4/}	26,843	17,885	8,958	32,060	19,824	12,186
<u>Industrial Plants</u> ^{2/}	19,358	7,217	12,141	13,718	5,935	7,783

TABLE 4a - SUMMARY OF TURPENTINE CARRYOVER (Stocks)

Production Points	36,896	23,460	13,436	33,563	20,008	13,555
Sou. Concent. Points	119,449	119,449	---	216,240	216,240	---
Distribution Points	26,843	17,885	8,958	32,060	19,824	12,186
Industrial Plants	19,358	7,217	12,141	13,718	5,935	7,783
Total in U. S.	202,546	168,011	34,535	295,581	262,057	33,524

- 1/ Irrespective of ownership. Some of the turpentine may have been sold and may be awaiting shipment.
- 2/ Compiled from reports by producers and factors.
- 3/ Official Board of Trade and Chamber of Commerce Reports.
- 4/ Compiled from reports of individual distributors.
- 5/ Compiled from reports of individual consumers.

DETAILS AND SUMMARY OF ROSIN CARRYOVER (Drums - 520 lbs. net)

	<u>1945</u> <u>Mar. 31</u>			<u>1944</u> <u>Mar. 31</u>		
	<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>
<u>TABLE 3b - DETAILS OF ROSIN CARRYOVER (Stocks)</u>						
<u>Production Points</u> ^{1/}						
Gum Still ^{2/}	27,777	27,777	---	49,497	49,497	---
Wood Plants						
Steam Dist. ^{3/}	46,491	---	46,491	72,793	---	72,793
Sulphate	---	---	---	---	---	---
Dest. Dist.	---	---	---	---	---	---
Total	<u>74,268</u>	<u>27,777</u>	<u>46,491</u>	<u>122,290</u>	<u>49,497</u>	<u>72,793</u>
<u>Sou. Concent. Points</u> ^{1/}						
Ports ^{4/}	11,822	11,822	---	94,634	94,634	---
Interior Yards	<u>17,617</u>	<u>17,617</u>	<u>---</u>	<u>230,002</u>	<u>230,002</u>	<u>---</u>
Total	<u>29,439</u>	<u>29,439</u>	<u>---</u>	<u>324,636</u>	<u>324,636</u>	<u>---</u>
<u>Distribution Points</u>						
Eastern	4,413	3,051	1,362	9,730	7,941	1,789
Central	4,839	3,316	1,523	5,157	3,759	1,398
Western	<u>444</u>	<u>251</u>	<u>193</u>	<u>1,581</u>	<u>411</u>	<u>1,170</u>
Total ^{5/}	<u>9,696</u>	<u>6,618</u>	<u>3,078</u>	<u>16,468</u>	<u>12,111</u>	<u>4,357</u>
<u>Industrial Plants</u> ^{6/}	274,863	202,047	72,816	331,392	261,962	69,430

TABLE 4b - SUMMARY OF ROSIN CARRYOVER (Stocks)

Production Points	74,268	27,777	46,491	122,290	49,497	72,793
Sou. Concent. Points	29,439	29,439	---	324,636	324,636	---
Distribution Points	9,696	6,618	3,078	16,468	12,111	4,357
Industrial Plants	274,863	202,047	72,816	331,392	261,962	69,430
Total in U. S.	<u>388,266</u>	<u>265,881</u>	<u>122,385</u>	<u>794,786</u>	<u>648,206</u>	<u>146,580</u>

- ^{1/} Irrespective of ownership. Some of the rosin may have been sold and may be awaiting shipment.
- ^{2/} Compiled from reports by producers and factors. Includes reclaimed rosin.
- ^{3/} Does not include by-products resulting from making paler grades from FF wood rosin.
- ^{4/} Official Board of Trade and Chamber of Commerce Reports.
- ^{5/} Compiled from reports of individual distributors.
- ^{6/} Compiled from reports of individual consumers.

DETAILS OF PRODUCTION

(By naval stores seasons, beginning April 1 and ending March 31)

	<u>1944-45</u>			<u>1943-44</u>		
	12 mos. (Apr. - Mar.)			12 mos. (Apr. - Mar.)		
	<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>
Gum	245,194	245,194	---	288,382	288,382	---
Wood						
Steam Dist.	117,265	---	117,265	125,171	---	125,171
Sulphate	104,307	---	104,307	91,045	---	91,045
Dest. Dist.	<u>4,477</u>	<u>---</u>	<u>4,477</u>	<u>3,834</u>	<u>---</u>	<u>3,834</u>
Total	471,243	245,194	226,049	508,432	288,382	220,050

TABLE 5b - PRODUCTION OF ROSIN (Drums 520 lbs. net)

Gum	684,146	684,146	---	773,741	773,741	---
Reclaimed gum	8,066	8,066	---	9,824	9,824	---
Wood						
Steam Dist.	625,700	---	625,700	679,266	---	679,266
Sulphate	---	---	---	---	---	---
Dest. Dist.	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
Total	1,317,912	692,212	625,700	1,462,831	783,565	679,266

TABLE 5c - PRODUCTION OF BLACK LIQUOR SOAP AND TALL OIL^{1/}

	<u>1944-45</u>	<u>1943-44</u>
Black Liquor Soap		
Reported as produced	197,437 tons	173,535 tons
Black Liquor Soap		
Reported as acidified	162,354 tons	140,049 tons
To produce according to reports		
Crude Tall Oil	80,060 tons	70,427 tons

^{1/} See foreword for definition.

TABLE 6 - PRODUCTION OF GUM TURPENTINE BY STATES^{1/}

	<u>1944-45</u> 12 mos. (Apr. - Mar.)		<u>1943-44</u> 12 mos. (Apr. - Mar.)	
	<u>Barrels</u>	<u>Percentage</u>	<u>Barrels</u>	<u>Percentage</u>
South Carolina	2,184	0.89	3,262	1.13
Georgia	167,538	68.33	198,637	68.88
Florida	57,624	23.50	65,445	22.70
Alabama	13,973	5.70	16,590	5.75
Mississippi	3,208	1.31	3,528	1.22
Louisiana	667	0.27	920	0.32
Total	245,194	100.00	288,382	100.00

TABLE 7 - MISCELLANEOUS NAVAL STORES (Bbls. - 50 gals.)

	<u>1944-45</u> 12 mos. (Apr. - Mar.)	<u>1945</u> Mar. 31	<u>1943-44</u> 12 mos. (Apr. - Mar.)	<u>1944</u> Mar. 31
	<u>Production</u>	<u>Stocks</u>	<u>Production</u>	<u>Stocks</u>
Pine oil	103,487	10,299	106,342	7,188
Pine tar	84,767	1,526	95,768	810
Dipentene	18,636	3,189	18,406	4,102
Other Monocyclic Hydrocarbons	33,716	5,021	34,897	4,817

^{1/} A unit of naval stores consists of one 50-gallon barrel of turpentine and two and two-thirds drums (520 lbs. net) of rosin.

TABLE 8a - REPORTED CONSUMPTION OF TURPENTINE IN UNITED STATES (Bbls. - 50 gal.)

	<u>1944-45</u>			<u>1943-44</u>		
	<u>12 mos. (Apr. - Mar.)</u>			<u>12 mos. (Apr. - Mar.)</u>		
	<u>Total</u>	<u>Gum^{1/}</u>	<u>Wood^{1/}</u>	<u>Total</u>	<u>Gum^{1/}</u>	<u>Wood^{1/}</u>
Abattoirs	0			0		
Adhesives & plastics	352			467		
Asphaltic products	0			0		
Automobiles & wagons	175			242		
Chemicals & pharmaceuticals	129,957			122,368		
Ester gum & synthetic resins	13,914			15,176		
Foundries & foundry supplies	626			623		
Furniture	176			239		
Insecticides & disinfectants	115			221		
Linoleum & floor covering	41			33		
Matches	0			0		
Oils & greases	274			73		
Paint, varnish & lacquer	20,745			23,690		
Paper & paper size	0			0		
Printing ink	307			207		
Railroads & shipyards	9,977			9,928		
Rubber	657			123		
Shoe polish & shoe materials	12,620			13,806		
Soap	0			0		
Other industries	260			183		
Total industrial reported	190,196	44,064	146,132	187,379	31,282	156,097

^{1/} Separation of gum and wood turpentine consumption will be limited for the present to the total reported.

TABLE 8b - REPORTED CONSUMPTION OF ROSIN IN UNITED STATES (Drums - 520 lbs. net)

	<u>1944-45</u> 12 mos. (Apr. - Mar.)			<u>1943-44</u> 12 mos. (Apr. - Mar.)		
	<u>Total</u>	<u>Gum^{1/}</u>	<u>Wood^{1/}</u>	<u>Total</u>	<u>Gum^{1/}</u>	<u>Wood^{1/}</u>
Abattoirs	874			733		
Adhesives & plastics	30,926			20,046		
Asphaltic products	2,473			2,394		
Automobiles & wagons	246			153		
Chemicals & pharmaceuticals	265,022			182,004		
Ester gum & synthetic resins	249,252			146,618		
Foundries & foundry supplies	14,979			17,476		
Furniture	7			9		
Insecticides & disinfectants	6,032			5,530		
Linoleum & floor covering	19,152			14,687		
Matches	1,291			1,485		
Oils & greases	42,372			29,921		
Paint, varnish & lacquer	133,136			126,340		
Paper & paper size	379,383			382,367		
Printing ink	12,680			16,618		
Railroads & shipyards	24,855			11,896		
Rubber	22,529			11,383		
Shoe polish & shoe materials	7,235			9,852		
Soap	324,164			327,058		
Other industries	4,758			6,089		
Total industrial reported	1,541,366	947,473	593,893	1,312,659	733,560	579,099

^{1/} Separation of gum and wood rosin consumption will be limited for the present to the total reported.

TABLE 9 - WEIGHTED 1/2/ AVERAGE MONTHLY AND SEASON PRICES OF GULF SPIRITS OF TURPENTINE - 1925-26 to 1941, 1953/
(Based upon Wednesdays and Saturdays closing Savannah Prices) 1/4/

Season	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Average
	Cents per Gallon												
1925-26	87.39	97.39	92.18	90.08	95.29	106.25	105.56	104.79	93.77	99.72	92.69	93.81	96.66
1926-27	89.86	79.67	80.14	82.07	89.31	86.00	84.75	82.69	80.85	76.07	68.00	67.38	82.62
1927-28	60.61	56.41	51.24	50.64	52.31	49.22	46.71	44.36	49.49	55.03	54.94	54.82	51.38
1928-29	52.06	47.87	50.87	49.83	47.58	46.40	48.18	54.22	55.50	56.47	53.16	52.42	50.54
1929-30	48.78	48.90	46.83	47.11	46.68	49.74	50.82	47.85	48.13	49.42	50.12	50.67	48.26
1930-31	46.42	43.51	41.33	37.56	35.32	38.26	35.60	37.03	36.14	38.11	39.97	47.81	39.34
1931-32	50.44	49.42	50.69	39.77	31.40	31.88	31.17	35.21	33.83	34.68	34.84	40.06	40.10
1932-33	39.50	39.44	38.64	35.94	37.68	41.09	40.86	39.71	37.04	39.88	39.75	39.46	33.82
1933-34	37.58	42.47	40.39	46.39	42.83	41.97	40.81	42.14	42.07	47.44	57.00	55.00	42.72
1934-35	53.66	50.81	46.44	42.82	41.85	41.19	46.59	48.00	46.46	49.59	50.53	49.71	45.64
1935-36	47.37	47.07	44.46	42.10	38.47	40.51	45.76	44.92	43.96	45.19	44.44	39.31	43.56
1936-37	37.43	36.26	35.86	36.44	38.73	37.19	36.33	38.25	41.59	43.13	41.84	39.01	37.48
1937-38	35.97	35.83	34.07	33.44	31.94	29.93	27.33	26.92	26.14	28.18	26.47	25.42	31.36
1938-39	23.18	22.69	22.56	23.24	22.53	20.92	22.81	22.32	22.31	24.78	25.56	28.42	22.61
1939-40	24.06	23.93	24.00	24.11	23.72	26.11	27.16	25.72	27.00	30.17	30.91	31.67	25.31
1940-41	28.78	27.65	26.25	26.69 1/2	23.69	30.80	31.99	33.37	37.11	42.05	38.78	39.25	30.03
1941-42 1/2	42.11	43.00	42.17	48.28	67.83	74.84	72.08	75.61	73.44	75.89	75.19	73.03	64.35
1942-43	65.47	61.22	62.12	64.30	61.06	66.98	70.08	69.04	69.50	69.59	69.09	69.49	64.52
1943-44	69.46	69.47	72.08	72.77	73.03	72.14	74.53	81.60	80.87	83.03	83.59	82.60	76.26
1944-45	82.58	83.31	83.53	82.53	84.47	84.67	84.50	84.50	85.00	85.31	87.00	86.63	84.50

1/ Monthly prices were obtained by averaging Wednesday and Saturday closing prices. The season average prices were obtained by multiplying each monthly price by the combined reported receipts during that month at Savannah, Jacksonville and Pensacola and dividing the total of these figures for the season by the total receipts for that season, thereby giving the months of heavy receipts and of low receipts their proper relative value.

2/ Due to lack of information to complete this table, only simple averages are given for 1941-42 and thereafter. Prices for 1921-22 to 1925-26 seasons will be found in previous annual and semi-annual reports in this series.

3/ After November, 1936, Wednesday and Friday Savannah prices were used when there was no quoted Saturday market.

4/ Beginning July 1, 1940, quoted Savannah turpentine prices were exclusive of package. To complete this table and to present figures comparable with previous quotations, beginning July 1, 1940, 6 cents per gallon has been added to the Savannah quotations.

Sources of data: Florida inspections and monthly receipts at Savannah, Jacksonville and Pensacola, the Naval Stores Review, Daily Market Reports of the Savannah Exchange, Jacksonville and Pensacola Chambers of Commerce, and Economic Analysis Unit, General Crops Section, Agricultural Adjustment Administration.

TABLE 10 - WEIGHTED $\frac{1}{2}$ AVERAGE MONTHLY AND SEASON PRICES OF GUM ROSIN - 1925-26 to 1944-45
(Based upon Wednesdays and Saturdays closing Savannah Prices)

Season	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Average
					Dollars per 100 pounds		net weight						
1925-26	3.27	3.92	3.82	3.98	4.44	5.66	6.23	6.18	5.67	5.26	5.80	5.50	4.83
1926-27	5.07	4.53	5.30	5.69	5.45	6.05	5.36	5.06	5.06	5.21	5.21	4.53	5.30
1927-28	4.25	3.96	3.68	3.62	3.90	3.68	3.32	2.99	3.32	3.74	3.64	3.73	3.63
1928-29	3.61	3.34	3.58	3.71	3.62	3.50	3.57	3.71	3.73	3.73	3.63	3.51	3.60
1929-30	3.26	3.21	3.18	3.26	3.23	3.42	3.55	3.31	3.19	3.25	3.24	3.14	3.28
1930-31	2.98	2.68	2.46	2.08	1.92	2.07	1.90	1.93	1.94	1.87	1.97	2.15	2.18
1931-32	2.16	2.18	2.29	1.72	1.36	1.32	1.28	1.42	1.35	1.35	1.38	1.60	1.69
1932-33	1.30	1.27	1.19	1.10	1.01	1.40	1.33	1.28	1.27	1.30	1.26	1.26	1.23
1933-34	1.28	1.54	1.53	1.78	1.67	1.70	1.68	1.70	1.70	1.84	2.19	2.20	1.69
1934-35	2.21	2.12	1.98	1.87	1.90	1.93	1.97	1.93	1.95	2.06	2.11	2.08	1.98
1935-36	2.03	2.05	1.99	1.93	1.79	1.90	2.09	2.05	1.98	2.00	1.99	2.00	1.97
1936-37	1.90	1.88	2.04	2.36	2.90	2.61	2.71	3.16	4.03	4.43	4.24	3.90	2.79
1937-38	3.51	3.61	3.54	3.48	3.47	3.49	3.20	2.70	2.41	2.57	2.34	2.06	3.20
1938-39	2.12	2.03	2.09	2.24	2.17	2.05	2.30	2.45	2.21	2.23	2.30	2.52	2.18
1939-40	2.27	2.26	2.32	2.39	2.32	2.46	2.49	2.41	2.34	2.41	2.40	2.43	2.37
1940-41	2.26	2.20	2.04	1.74	1.94	1.83	1.93	2.05	1.96	2.07	2.04	2.10	1.98
1941-42	2.04	1.99	2.01	2.28	2.55	2.62	2.58	2.77	3.09	3.43	3.52	3.40	2.69
1942-43	3.07	2.89	2.93	3.10	2.93	3.33	3.49	3.50	3.48	3.57	3.55	3.75	3.30
1943-44	3.07	3.64	3.63	3.75	4.01	4.02	4.21	4.47	4.55	4.60	4.78	5.08	4.20
1944-45	4.93	5.09	5.68	5.55	5.51	5.55	5.76	5.85	5.85	5.85	5.85	5.85	5.61

Note: Rosin Grades included in average prices are:-- X, WW, WG, N, M, K, I, F, G, F, E, D, B.

1/ Monthly prices were obtained by multiplying the average of the Wednesday and Saturday closing prices of each grade by the number of barrels of each grade reported as inspected in Florida during that month, and dividing the total of the resulting figures by the total number of barrels inspected in Florida during that month, thereby giving the proper relative value to each grade. The season average price was obtained by multiplying each monthly price by the combined reported receipts during that month at Savannah, Jacksonville and Pensacola and dividing the total of these figures for the season by the total receipts for the season, thereby giving the months of heavy receipts and of low receipts their proper relative value.

2/ Prior to 1941, all rosin prices were quoted in dollars per trade barrel of 280 pounds gross weight. Since 1941, prices are quoted in dollars per 100 pounds net weight. In order to simplify comparisons, all prices in this table have been calculated to the basis of 100 pounds net weight.

3/ Prices for 1921-22 to 1925-26 seasons will be found in previous annual and semi-annual reports in this series. After November, 1936, Wednesday and Friday Savannah prices were used when there was no quoted Saturday market.

Sources of data: Florida inspections and monthly receipts at Savannah, Jacksonville and Pensacola, the Naval Stores Review, Daily Market Reports of the Savannah Exchange, Jacksonville and Pensacola Chambers of Commerce, and Economic Analysis Unit, General Crops Section, Agricultural Adjustment Administration.

TABLE 11 - TURPENTINE CUPS SOLD FOR SEASONS 1923-24 to 1945-46

A compilation of information furnished by the manufacturers of turpentine cups shows that a total of 6,084,000 cups was sold during this naval stores season for use in gathering the 1945-46 crop of naval stores.

Sales of new cups for the past 23 seasons were reported as follows:

1945-46	6,084,000	1933-34	11,088,333
1944-45	4,659,000	1932-33	3,620,000
1943-44	4,253,000	1931-32	1,085,000
1942-43	8,648,400	1930-31	11,178,800
1941-42	2,744,000	1929-30	24,488,760
1940-41	7,567,650	1928-29	12,589,000
1939-40	1,638,300	1927-28	32,310,000
1938-39	10,525,180	1926-27	20,500,000
1937-38	17,204,900	1925-26	10,059,000
1936-37	17,530,000	1924-25	13,249,000
1935-36	6,219,240	1923-24	24,823,503
1934-35	11,707,839		

ADDENDA

Additional information pertaining to naval stores may be obtained as follows:

For periods prior to 1942, for monthly, quarterly, and annual reports on imports and exports of turpentine and rosin, address: Foreign Trade Statistics, Bureau of the Census, Department of Commerce, Washington, D. C. Price ten cents per copy.

For biennial census of the production of turpentine and rosin, address: Bureau of the Census, Department of Commerce, Washington, D. C.

For information on the Naval Stores Conservation Program, write to the Regional Forester, U. S. Forest Service, Glenn Building, Atlanta 3, Georgia.

For information on the southern forest survey showing the native timber resources, address: Southern Forest Experiment Station, Box 7195, City Station, New Orleans 19, Louisiana.

For information regarding the production, distribution, consumption and stocks of turpentine and rosin, address: Naval Stores Research Division, Bureau of Agricultural and Industrial Chemistry, 2100 Robert E. Lee Boulevard, New Orleans 19, Louisiana.